

October 30, 1950.

Dr. P. Fredericq,
Institut de Bacteriologie,
University of Liege,
Belgium.

Dear Dr. Fredericq:

Thank you for your offer of cooperation with respect to colicidal relationships of *E. coli* K-12. Under separate cover, I am sending:

E. coli K-12

W-1364: a recombinant derivative from K-12, susceptible to its lysogenic phage

W-1113: a distinct isolate of *E. coli* (from chickens), ~~nonantigenic~~ which shows "direct antagonism" for K-12. This is the parent of W-1176 mentioned in my letter.

May I suggest that both W-1364 and K-12 be used in your tests for colicin activity. I would be especially interested to have a colicin which attacked W-1364 but not K-12, or vice versa.

Should you find K-12 to be sensitive to any of your already numbered colicins, I would appreciate having the strains, so as to avoid giving overlapping names to some of the colicidal strains we have run into. I would also like to find bacteria, if any, sensitive to colicidal action of K-12 in order to study the inheritance of this faculty.

Your name has been placed, of course, on my mailing list; may I thank you for sending your publications (which however have not yet been received).

Please be assured of my appreciation for your cordiality,

Sincerely,

Joshua Lederberg,
Associate Professor of Genetics